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U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
A. C. TRUE, Director.

STATISTICS

OF THE

Land-Grant Colleges and Agricultural Experiment Stations

IN THE

UNITED STATES

FOR

THE YEAR ENDED JUNE 30, 1900.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1901.

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LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,
Washington, D. C., March 15, 1901.

SIR: I have the honor to transmit herewith some statistics of the land-grant colleges and agricultural experiment stations for the year 1900, compiled under my direction by Miss Marie T. Spethmann, of this Office, and to recommend their publication as Bulletin No. 97.

Respectfully,

A. C. TRUE,
Director.

Hon. JAMES WILSON,
Secretary of Agriculture.

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LIST OF ABBREVIATIONS.

<i>Agr.</i> , Agriculture, Agricultural.	<i>Lat.</i> , Latin.
<i>Archi.</i> , Architecture.	<i>Libr.</i> , Library, Librarian.
<i>Biol.</i> , Biology, Biological.	<i>Lit.</i> , Literature.
<i>Bot.</i> , Botany, Botanical.	<i>Math.</i> , Mathematics, Mathematical.
<i>Chem.</i> , Chemistry, Chemical.	<i>Mech.</i> , Mechanics, Mechanical.
<i>Clas.</i> , Classical.	<i>Med.</i> , Medical, Medicine.
<i>Elect.</i> , Electrical, Electricity.	<i>Metal.</i> , Metallurgy.
<i>Engin.</i> , Engineer, Engineering.	<i>Pedag.</i> , Pedagogics, Pedagogy.
<i>Engl.</i> , English.	<i>Phar.</i> , Pharmacy, Pharmaceutical.
<i>Ent.</i> , Entomology.	<i>Philos.</i> , Philosophy.
<i>For.</i> , Forestry.	<i>Phys.</i> , Physics, Physical.
<i>Geol.</i> , Geology, Geological.	<i>Prep.</i> , Preparatory.
<i>Hist.</i> , History.	<i>Sci.</i> , Science, Sciences, Scientific.
<i>Hort.</i> , Horticulture.	<i>Sten.</i> , Stenography.
<i>Husb.</i> , Husbandry.	<i>Tech.</i> , Technical.
<i>Indus.</i> , Industrial, Industries, Industry.	<i>Veg.</i> , Vegetable.
<i>Irrig.</i> , Irrigation.	<i>Vet.</i> , Veterinary, Veterinarian.
<i>Lang.</i> , Language, Languages.	<i>Zool.</i> , Zoology, Zoologist.

STATISTICS OF LAND-GRANT COLLEGES AND AGRICULTURAL EXPERIMENT STATIONS, 1900.

The following statistical statements relate to the institutions established under the acts of Congress of July 2, 1862, and August 30, 1890, most of which maintain courses of instruction in agriculture, and to the agricultural experiment stations, which, with a few exceptions, are organized under the act of Congress of March 2, 1887, and are conducted as departments of the institutions receiving the benefits of the land-grant act of July 2, 1862. The statistics included in this bulletin have been compiled in part from replies to a circular of inquiry sent out from this Office and in part from the annual reports of the presidents of these institutions made on the schedules prescribed by the Commissioner of Education. Tables showing the annual disbursements on account of the acts of Congress of March 2, 1887, and August 30, 1890, prepared in the Departments of the Treasury and the Interior, are also included. Owing to the complex organization of many of the institutions, it is impracticable to give exactly comparable statistics in all cases, and in some instances the data furnished are incomplete.

SUMMARY OF STATISTICS OF LAND-GRANT COLLEGES.

Educational institutions receiving the benefits of the acts of Congress of July 1, 1862, and August 30, 1890, are now in operation in all the States and Territories except Alaska. The total number of these institutions is 65, of which 62 maintain courses of instruction in agriculture. The aggregate value of the permanent funds and equipment of the land-grant colleges and universities in 1900 is estimated to be as follows: Land-grant fund of 1862, \$10,725,180.31; other land-grant funds, \$1,528,441.37; other permanent funds, \$15,017,963.80; land grant of 1862 still unsold, \$3,570,907.80; farms and grounds owned by the institutions, \$5,659,731.26; buildings, \$16,781,968.63; apparatus, \$1,456,619.19; machinery, \$1,738,369.88; libraries, \$1,326,889.13; miscellaneous equipment, \$1,519,048.33; total, \$59,325,119.70. The income of these institutions in 1900, exclusive of the funds received from the United States for agricultural experiment stations (\$719,999.07), was

as follows: Interest on land grant of 1862, \$677,870.33; interest on other funds, \$726,229.70; United States appropriation under act of 1890, \$1,198,100.21; State appropriation (annual or regular), \$1,889,288.34; State appropriation (occasional), \$744,184.07; tuition fees, \$390,334.08; incidental fees, \$254,337.26; miscellaneous, \$550,694.68; total, \$6,431,-038.67. The value of the additions to the permanent endowment and equipment of these institutions in 1900 is estimated as follows: Permanent endowment, \$1,917,941.16; buildings, \$948,377.94; library, \$119,312.81; apparatus, \$151,405.35; machinery, \$141,667.15; miscellaneous, \$129,288.49; total, \$3,407,992.90. The number of persons in the faculties of the colleges of agriculture and mechanic arts were as follows: For preparatory classes, 333; for collegiate and special classes, 1,642; total, 2,013. In the other departments the faculties aggregated 842, making a grand total of 2,855 persons in the faculties of the land-grant institutions. The students in 1900 were as follows: (1) By classes—preparatory, 6,541; freshmen, 7,512; sophomores, 5,036; juniors, 3,648; seniors, 3,072; special, 12,964; post-graduate, 732; total, 39,505. (2) By courses—agriculture, 5,066; mechanical engineering, 3,932; civil engineering, 1,964; electrical engineering, 1,617; mining engineering, 950; architecture, 292; household economy, 1,908; veterinary science, 1,167; military tactics, 11,506. The graduates in 1900 were 3,114, and since the organization of these institutions, 41,690. The average age of graduates in 1900 was 21 years 10 months. The total number of volumes in the libraries was 1,469,318. The total number of acres of land granted to the States under the act of 1862 was 9,660,379, of which 886,889 are still unsold.

SUMMARY OF STATISTICS OF THE STATIONS.

Agricultural experiment stations are now in operation under the act of Congress of March 2, 1887, in all the States and Territories. Agricultural experiments have been begun in Alaska with the aid of national funds, and an experiment station is in operation in Hawaii under private auspices. In each of the States of Connecticut, New Jersey, and New York a separate station is maintained wholly or in part by State funds. In Louisiana three stations are thus maintained; and in Alabama two—the Canebrake and Tuskegee stations—are maintained wholly by State funds. Excluding the branch stations established in the several States, the total number of stations in the United States is 57. Of these, 52 received the appropriation provided for in the act of Congress above mentioned. The total income of the stations during 1900 was \$1,170,857.78, of which \$719,999.07 was received from the National Government, the remainder, \$450,858.71, coming from the following sources: State governments, \$247,281.46; individuals and communities, \$2,420.51; fees for analyses of fertilizers, \$70,927.31; sales of farm products, \$90,088.84; miscellaneous,

\$40,140.59. In addition to this, the Office of Experiment Stations had an appropriation of \$45,000 for the past fiscal year, including \$12,000 for the Alaskan investigation. The value of additions to the equipment of the stations in 1900 is estimated as follows: Buildings, \$89,416.23; libraries, \$10,784.70; apparatus, \$19,397.85; farm implements, \$17,015.86; live stock, \$22,009.10; miscellaneous \$8,850.94; total, \$167,474.68.

The stations employ 693 persons in the work of administration and inquiry. The number of officers engaged in the different lines of work is as follows: Directors, 71; chemists, 143; agriculturists, 74; experts in animal husbandry, 14; horticulturists, 75; farm foremen, 24; dairy-men, 30; botanists, 55; entomologists, 50; veterinarians, 29; meteorologists, 16; biologists, 6; physicists, 7; geologists, 6; mycologists and bacteriologists, 17; irrigation engineers, 7; in charge of substations, 10; secretaries and treasurers, 27; librarians, 10, and clerks, 51. There are also 30 persons classified under the head of "miscellaneous," including superintendents of gardens, grounds, and buildings, apiarists, herdsmen, etc. Three hundred and twenty-seven station officers do more or less teaching in the colleges with which the stations are connected.

During 1900 the stations published 386 annual reports and bulletins. Besides regular reports and bulletins, a number of the stations issued press bulletins, which were widely reproduced in the agricultural and county papers. The mailing lists of the stations now aggregate half a million names. Correspondence with farmers steadily increases, and calls upon station officers for public addresses at institutes and other meetings of farmers are more numerous each year. The station officers continue to contribute many articles on special topics to agricultural and scientific journals. A number of books on agricultural subjects, written by station officers, have been published during the past year.

TABULATED STATISTICS OF THE LAND-GRANT COLLEGES AND UNIVERSITIES.

Unless otherwise specified, the statistics reported in the tables are for the institutions as designated in the list given below:

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study.*

[All of the institutions in this list, except those marked with an asterisk (*), maintain courses of instruction in agriculture.]

State or Territory.	Name of institution.	Location	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Alabama	State Agricultural and Mechanical College (Alabama Polytechnic Institute).	Auburn	W. L. Broun, M. A., LL. D	Chem. and agr., civil engin., elect. and mech. engin., pharm., general course (B. S.).	Agr., mech. arts, phar. (2 yrs.)
	State Normal and Industrial School	Normal	W. H. Connell, Ph. D.	Sci. (B. M. S.), agr. (B. A. S.), mech. (B. M. S. J.).	
Arizona	University of Arizona	M. M. Parker, M. A.	Lit. and sci., engin. and mining, agr. (B. S.)	Mining (2 yrs.)	
Arkansas	Arkansas Industrial University.	J. L. Buchanan, M.A., LL.D.	Agr. full course (B. S.), agr. special course (B. A. S.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), sci. (B. S.), liberal arts (B. A.).	Mech. engin., normal course (2 yrs.), elect. engin. (2 yrs.)	
	* Branch Normal College	J. C. Corbin	Collegiate course (B. A.)	Normal, domestic econ., typewriting, prep. med. (3 yrs.)	
California	University of California	B. I. Wheeler, Ph. D., LL.D.	Letters (B. A.), social sci. (B. L.), natural sci., commerce, agr., mech., mining, civil engin., chem. (B. S.).		
Colorado	The State Agricultural College of Colorado.	B. O. Aylesworth, M. A., LL.D.	Agr., mech. engin., civil and irrig. engin., ladies (B. S.).	Commercial (2 yrs.)	
Connecticut	Connecticut Agricultural College.	G. W. Flint, M. A.	(B. S., B. A.)	Dairy (11 weeks)	
Delaware	Delaware College	G. A. Harter, M. A., Ph. D	Clas., Lat. sci. (B. A.), agr., general sci. (B. S.), civil engin. (B. C. E.), mech. engin. (B. M. E.), elect. engin. (B. E. E.).	Agr. (2 yrs., and winter course 3 months).	
	State College for Colored Students.	Dover	Clas. (B. A.), sci. (B. S.), agr. (B. Agr.), engin. (B. E.).	Normal.	
Florida	Florida Agricultural College.	Lake City	W. F. Yoocum, M. A., D. D.	Business, stem, and typewriting (1 yr.).	
	Florida, State Normal and Industrial College.	Tallahassee	T. De S. Tucker, M. A.	Normal (4 yrs.).	
Georgia	Georgia State College of Agriculture and Mechanic Arts.	H. C. White, Ph. D	General sci., agr., civil engin., elect. engin. (B. S.).	Agr. (winter course 3 months).	
	Georgia, State Industrial College.	R. R. Wright	College (B. A.).	Normal (3 yrs.).	

Idaho	University of Idaho	Moscow	J. A. McLean, Ph. D.....	Clas. (B. A.), sci. (B. S.), civil engin. (B.S.), mining engin. (B. M.E.), agric. Lit. and arts (B. A.), engin. (B. S.), sci. (B. S.), agr. (B. S.), music (B. Mus.), libr. sci. (B. L. S.), phar. (Ph. G.), pharm. chem. (Ph. C.).	Agr. (2 yrs.), farmers' short course (6 weeks).
Illinois	University of Illinois.....	Urbana	A. S. Draper, LL.D.....	Mech. engin. (B. S. M.E.), civil engin. (B.S.C.E.), elect. engin. (B. S. E.E.), agr. (B. S. Phar.). Agr. (B. Agr.), mech. engin. (B. M. E.), civil engin. (B. C. E.), elect. engin., mining engin. (B. S. E.E.), sci. (B. S.), general and domestic sci. for women (B. S.), vet. sci. (D. V.M.).	Dairying, animal husb.
Indiana	Purdue University	Lafayette.....	W. E. Stone, Ph. D.....	Agr. (B. Agr.), mech. engin. (B. M. E.), civil engin. (B. C. E.), elect. engin., mining engin. (B. S. E.E.), sci. (B. S.), general and domestic sci. for women (B. S.), vet. sci. (D. V.M.).	Dairying, animal husb.
Iowa	Iowa State College of Agriculture and the Mechanic Arts.	Ames	W. M. Beardshear, M. A., LL.D.	Agr., mech. engin., general sci., elect. engin., domestic sci. (B. S.).	Dairy (12 weeks), apprentice shops (80 weeks), apprentice printing (80 weeks), domestic sci., agr. (24 weeks).
Kansas	Kansas State Agricultural College.	Manhattan	E. R. Nichols, M. A.....		Agr. (1 yr.), normal.
Kentucky	Agricultural and Mechanical College of Kentucky.	Lexington.....	J. K. Patterson, Ph. D., LL.D.	Clas. (B. A.), mech. engin. (B. M. E.), civil engin. (B.C. E.), agr. (B. Agr.), sci. (B. S.), pedag. (B. Ped.).	Normal, agr., mech., domestic econ. (3 yrs.).
Louisiana	State Normal School for Colored Persons.	Frankfort	J. S. Hathaway, M.A., M.D.		Normal, agr., mech., domestic econ. (3 yrs.).
Louisiana	Louisiana State University and Agricultural and Mechanical College.	Baton Rouge	T. D. Boyd, M. A., LL.D.	Agr., mech. engin., sugar engin., civil engin., general sci., commercial (B. S.), latin sci., lit. (B. A.).	Normal, agr., mech., dairy ing (2 yrs.).
Maine	Southern University and Agricultural and Mechanical College.	New Orleans	H. A. Hill	Clas. (B. A.), sci., agr. (B. S.), mech., normal.	Agr., mech., dairy ing (2 yrs.).
Maine	The University of Maine.....	Orono	A. W. Harris, D.Sc., LL.D ..	Clas. (B. A.), Lat. sci. (B. Ph.), sci., agr., chen., prep. med., phar., civil engin., mech. engin., elect. engin. (B. S.).	Agr. (2 yrs.), agr. (1 yr.), phar. (2 yrs.).
Maryland	Maryland Agricultural College.	College Park	R. W. Silvester	Clas. (B. A.), mech., agr., sci. (B. S.).	Agr.; chem., bot., zool., hort., dairying (11 weeks).
Massachusetts	Massachusetts Agricultural College.	Amherst.....	H. H. Goodell, LL.D.	Agr. (B. S.), post-graduate courses (Ph. D.). Civil engin., mech. engin., mining engin., and metal. archi., chem., elect. engin., biol., phys., general studies, chem., engin., sanitary engin., geol., naval archi. (B. S.).	Cheese making (4 weeks), home dairying, creamy management and butter making, dairy husb., fruit culture (6 weeks each), beet-sugar production (23 weeks).
Michigan.....	* Massachusetts Institute of Technology.	Boston.....	Henry S. Pritchett.....		
Michigan.....	Michigan State Agricultural College.	Agricultural College.	J. L. Snyder, M. A., Ph.D.....		

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Minnesota.....	The University of Minnesota.	Minneapolis.....	C. Northrop, LL.D.....	Clas. (B. A.), sci. (B. S.), lit. (B. L.), civil engin. (B. C. E.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), mining, metal., chem. (B. M. M. & C.), agr. (B. Agr.).	Agr., mech. arts, vet. sci. (2 yrs. each); agr. (10 weeks). Business, carpentry, agr., shoemaking, blacksmithing, painting, Surveying, agr. (2 yrs.), agr., hor. (12 weeks).
Mississippi.....	Mississippi Agricultural and Mechanical College.	Agricultural College.....	J. C. Hardy, M.A.....	Scientific (B. S.).....	
Missouri.....	Alcorn Agricultural and Mechanical College.	Westside	W. H. Lanier, B. A.....	Agr. (B. Agr.), civil engin. (B. S. C. E.), mech. engin., mining engin. (B. S. M. E.), elect. engin. (B. S. E. E.), sanitary engin., chem., metal., archi. (B. S.), Mining engin., civil engin., chem. and metal., general sci. (B. S.).	
Missouri.....	College of Agriculture and Mechanic Arts of the University of Missouri.	Columbia	R. H. Jesse, LL.D		
Missouri.....	*School of Mines and Metallurgy of the University of Missouri.	Rolla	G. E. Ladd	Collegiate (B. A.), normal. General sci., home sci. (B. S.), agr. (B. S. Agr.), chem. (B. A. C.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), biol. (B. S.). Clas. lit. (A. B.), general sci., agr., civil engin., elect. engin., municipal engin., mech. engin. (B. S.). Liberal arts (B. A.), mining agr., domestic sci., mech. engin., civil engin., gen. sci., commerce (B. S.), pedag. Agr., biol., chem., mech. engin., elect., tech., chem., general (B. S.).	Agr. (3 yrs.). Agr. (2 yrs.), mech. arts, domestic sci. (2 months).
Montana.....	The Montana College of Agriculture and Mechanic Arts.	Jefferson City	J. H. Jackson, B. A., M. A.....		
Nebraska.....	The University of Nebraska..	Bozeman	J. Reid, B. A.....		
Nevada.....	Nevada State University	Lincoln	E. B. Andrews, LL. D.....		
New Hampshire...	The New Hampshire College of Agriculture and the Mechanic Arts.	Reno	J. E. Stubbs, M. A., D. D., LL.D.		
New Jersey.....	Brown's Scientific School (The New Jersey State College for the Benefit of Agriculture and the Mechanic Arts).	Durham	C. S. Murkland, M. A., Ph. D., D. D.	Austin Scott, Ph. D., LL.D.	Agr., civil engin. and mech., chem., elect., biol. (B. S.).
New Mexico.....	The New Mexico College of Agriculture and Mechanic Arts.	New Brunswick			
New York.....	Cornell University	Mesilla Park.....	F. W. Sanders, Ph. D	Agr., mech. engin., civil engin., sci. (B. S.).	Sten., typewriting (1 yr.).
	Ithaca.....	J. G. Schurman, M. A., D. Sc., LL. D.	Arts (B. A.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), archi. (B. Arch.), agr. (B. S. A.), for. (B. S. F.), med. (M. D.), vet. sci. (D. V. M.).	Agr. (1 term).	

North Carolina	The North Carolina College of Agriculture and Mechanic Arts.	G. T. Winston, LL. D.	Agr., (B. Agr.), mech. engin., civil engin., elect. engin., chem., engin., textile sci., agr., mech., domestic sci. (B. S., no degree).
	The Agricultural and Mechanical College for the Colored Race.	J. B. Dudley, M. A.	Carpentry, blacksmithing, dairying, hort.
North Dakota	North Dakota Agricultural College.	J. H. Worst, LL. D.	Agr. (2 yrs., no degree), farm school (3 mos.), engin. (1 yr.), Agr., ceramics, domestic economy, ony, indu., arts, mining, phar. (2 yrs. each), law, journalism (3 yrs. each), dairy-ing (3 months).
Ohio.....	Ohio State University	W. O. Thompson, D. D.	Agr., arts, archi., clay working and ceramics, chem., domestic economy, civil engin., elect. engin., mech. engin., mining engin., hort. and for., indu., arts, manuf. training, Engl. philos., Lat. philos., modern lang., Agr., general sci. and lit., hort., vet. sci., mech. engin., chem., biol., bot. (B. S.).
Oklahoma.....	Oklahoma Agricultural and Mechanical College.	A. C. Scott, M. A., LL. M.	Normal elementary (4 years), college prep. (3 years). Farmers' (4 weeks).
	Agricultural and Normal University.	Langston	Clas. (B. A.), sci. (B. S.), normal (B. S. D.), agr. (B. S. Agr.) elect. engin., mech. engin., civil arch. (B. M. E.). Agr. mech. arts, household sci., pharm. (B. S.).
Oregon.....	Oregon State Agricultural College.	Corvallis	Clas. (B. A.), general sci., Lat. sci., philos., agr., biol., chem., civil engin., elect. engin., math., mech. engin., mining engin., phys. (B. S.). Agr., mech. engin., chem., biol., elect. engin. (B. S.).
Pennsylvania	The Pennsylvania State College.	State College	G. W. Atherton, LL. D.
Rhode Island.....	Rhode Island College of Agriculture and Mechanic Arts.	Kingston	J. H. Washburn, Ph. D.
South Carolina	Clemson Agricultural College. The Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina.	Clemson College... Orangeburg	H. S. Hartzog, LL. D T. F. Miller, LL. D
South Dakota.....	South Dakota Agricultural College.	Brookings	J. W. Heston, Ph. D., LL. D.
Tennessee	University of Tennessee.....	Knoxville	C. W. Babiney, Ph. D., LL. D.
Texas.....	State Agricultural and Mechanical College of Texas.	College Station	L. L. Foster
Utah.....	Prairie View State Normal School.	Prairieview	L. G. Anderson, M. A.
	The Agricultural College of Utah.	Logan	W. J. Kerr, B. S., D. Sc.

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees,	Short courses,
Vermont	University of Vermont and State Agricultural College.	Burlington	M. H. Buckingham, D. LL.D.	Clas. (B. A.), lit. sci. (Ph. B.), civil and sanitary engin., elect. engin., mech. engin., chem. agr. (B. S.), commerce and econ. (B. A., or Ph. B.).	Dairy (4 weeks).
Virginia	Virginia Polytechnic Institute (State Agricultural and Mechanical College). The Hampton Normal and Agricultural Institute.	Blacksburg	J. M. McBryde, Ph. D., LL.D.	Agr. hort., applied chem., general sci., civil engin., mech. engin., elect. engin. (B. S.), prep. for med.	Agr., mech. (2 yrs., certificate).
Washington	Washington Agricultural College and School of Science.	Pullman	E. A. Bryan, M.A.	Math and civil engin., chem., hot. and zool., agr., hort., economic sci., and hist., mech. engin., mining engin. (B. S.), Engl. lang. and lit., modern lang. (B. L.).	Supplementary courses in phys., geol. and mineralogy, Latin, education; schools of phar., farming, dairying, vet. sci., normal business, applied steam and elect., prep. (2 yrs.).
West Virginia	West Virginia University	Morgantown	J. H. Raymond, Ph. D	General culture courses (B. A.), mech. engin. (B. S. M. E.), civil engin. (B. S. C. E.), agr. (B. S. Agr.). Academic, normal, agr., and mech.	Agr. (2 yrs. B. Agr.), mech. and elect. (2 yrs.).
Wisconsin	The West Virginia Colored Institute. University of Wisconsin	Institute	J. McH. Jones	Ancient clas. (B. A.), modern clas., civ. hist., Engl. (B. L.), general sci. (B. S.), civil engin. (B. S. M. E.), elect. engin. (B. S. E. E.), agr. (B. S. Agr.), phar. (B. S. Ph.). Clas. lit. sci. (B. A.), normal (B. Ped.), agr., mech., engin. school of mines, (B. S.).	Music, agr. (2 winter courses 14 weeks each), dairy school (12 weeks).
Wyoming	University of Wyoming	Laramie	E. E. Smiley, D. D.		Commercial (2 yrs.), agr. (1 to 2 yrs.), school of mines (6 weeks).

TABLE 2.—General statistics of land-grant colleges, 1900.

State or Territory.	Date of establish- ment of agri- cultural institu- tional course.	Faculty.	Graduates,			Number of acres of land granted in 1862 still unsold.	Number of acres of land in farm and grounds.	Rate of interest on land- grant fund of 1862.
			College of agriculture and mechanic arts.	Total. Colle- giate and special classes.	In 1899-1900. Num- ber.	Average age.		
Alabama (Auburn).....	1872	1872	3	27	129	13	54	Y. M.
Alabama (Normal).....	1875	1882	8	17	25	16	21	14,757
Arizona.....	1891	1891	13	16	122	3	384	240,000
Arkansas (Fayetteville).....	1872	1872	20	27	137	4	4	14,057
Arkansas (Pine Bluff).....	1875	1868	5	5	5	22	21	5,000
California.....	1868	1878	74	113	30	278	22	15,499
Colorado.....	1877	1878	31	31	16	26	148	150,000
Connecticut.....	1881	1881	1	16	17	18	19	10,000
Delaware (Newark).....	1870	1870	3	19	2	7	6	8,000
Delaware (Dover).....	1892	1892	3	3	6	14	22	14,100
Florida (Lake City).....	1884	1884	2	16	18	4	33	300,000
Florida (Tallahassee).....	1887	1890	14	14	14	11	3	500
Georgia (Athens).....	1872	1872	20	20	15	8	21	90,000
Idaho (College).....	1890	1890	2	14	14	10	22	1,428
Illinois.....	1892	1892	5	14	19	11	10	39,339
Indiana.....	1867	1868	7	18	125	99	188	700
Iowa.....	1874	1874	67	67	4	11	22	33
Kansas.....	1869	1874	62	62	20	71	22	5,000
Kentucky (Lexington).....	1865	1880	3	50	53	15	58	1,038
Kentucky (Frankfort).....	1887	1892	4	14	18	7	11	1,038
Louisiana (Baton Rouge).....	1877	1887	5	3	8	21	17	1,038
Louisiana (New Orleans).....	1890	1890	3	18	21	15	10	1,038
Maine.....	1865	1868	8	43	8	14	10	1,038
Maryland.....	1859	1859	1	16	17	16	15	1,038
Massachusetts (Amherst).....	1867	1867	21	21	9	22	10	1,038
Massachusetts (Boston).....	1865	1865	54	54	118	178	22	1,038
Michigan.....	1855	1855	43	43	166	16	23	1,038
Minnesota.....	1869	1869	4	16	169	15	288	1,038
Mississippi (Agricultural College).....	1890	1890	12	20	11	11	17	1,038
Mississippi (Weslside).....	1871	1878	4	16	16	16	8	1,038
Missouri (Columbia).....	1870	1870	53	53	30	14	89	1,038
Missouri (Rolla).....	1870	1866	3	11	11	10	23	1,038
Missouri (Jefferson City).....	1866	1866	3	13	7	18	18	1,038
Montana.....	1893	1893	2	17	19	7	3	1,038

² Not including professional departments which derive no aid from university revenues.

¹ Total, counting none twice.

TABLE 2.—General statistics of land-grant colleges, 1900—Continued.

State or Territory.	Date of establishment of institution.	Faculty.			Graduates.			Number of acres alienated to State under act of 1862.	Number of acres in farm and grounds.	Rate of interest on land-grant fund of 1862.
		College of agriculture and mechanic arts.	Total.	Preparatory classes, special classes.	In 1899-1900.	Total number since organization.	Number of volumes in library.			
Nebraska	1869	71	17	195	Y. M.	54,000	89,138	332	41,6	
Nevada	1888	25	9	23	149	90,000	95	4	4	
New Hampshire	1866	20	12	22	6	11,253	80,000	342	6	
New Jersey	1865	25	134	8	41	7	395	46,381	97	6
New Mexico	1889	4	20	123	2	15	28	27,649	270	5
New York	1865	25	25	19	361	5,632	270,000	270	5	
North Carolina (West Raleigh)	1889	5	19	7	13	137	4,400	592	6	
North Carolina (Greensboro)	1891	7	5	7	7	14	749	125	6	
North Dakota	1890	12	24	12	2	20	19	8,250	640	6
Ohio	1873	79	36	122	22	22	1,105	45,000	345	6
Oklahoma (Stillwater)	1891	2	16	18	10	6	30	9,607	200	6
Oklahoma (Lawton)	1897	7	7	7	10	10	10	160	160	6
Oregon	1888	6	27	128	12	35	21	371	199	6
Pennsylvania	1859	4	38	20	45	23	500	16,536	400	6
Rhode Island	1888	6	20	26	15	13	20	15,000	178	3
South Carolina (Glenison College)	1893	5	26	31	14	28	22	106	1,200	6
South Carolina (Orangeburg)	1896	10	5	19	12	2	74	950	130	6
South Dakota	1881	5	23	27	2	12	21	165	120,000	400
Tennessee	1869	33	46	9	48	23	5	30,100	230	6
Texas (College Station)	1871	24	14	25	8	22	376	9,000	180,000	2,416
Texas (Prairieview) .....	.....	14	7	12	44	22	222	900	1,500	6,7
Utah	1888	12	16	11	11	12	80	12,642	200,000	110
Vermont	1885	34	34	29	13	44	6	3,475	150,000	120
Virginia (Blacksburg)	1872	34	34	10	33	19	288	89,133	300,000	130
Virginia (Hampton)	1865	32	44	76	76	22	1,069	10,000	404	6
Washington	1892	12	28	130	11	11	40	7,024	190,000	745
West Virginia (Morgantown)	1867	7	44	51	11	43	667	17,700	90,000	212
West Virginia (Institute)	1892	11	1	12	1	1	1,910	1,910	30	6
Wisconsin	1848	31	50	81	88	21	288	78,354	210,000	400
Wyoming	1887	13	113	4	8	16	23	77	14,800	496
Total .....	.....	323	1,642	2,013	842	611	3,114	21,10	41,690	1,469,318
										9,660,379
										886,889
										23,836

¹Total, counting none twice.

TABLE 3.—*Students, by classes and courses, at land-grant colleges in 1900.*

State or Territory.	By classes.										By courses.																							
	Preparatory classes.		Freshmen.		Sophomores.		Juniors.		Seniors.		Special.		Post-graduate.		Total.		Agriculture.		Mechanical engineering.		Civil engineering.		Electrical en- gineering.		Mining en- gineering.		Architectural culture.		Household economy.		Veterinary science.		Military arts.	
Alabama (Auburn).....	38	102	52	1	52	1	56	65	11	384	128	57	12	61	57	5	25	28	288	39	344	39	211	90	430	39	211	90	430					
Alabama (Normal).....	488	104	8	8	48	8	5	4	4	499	161	19	11	11	19	5	29	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
Arizona.....	68	68	23	14	22	24	2	24	28	384	165	123	7	2,661	463	236	389	89	398	2	40	40	40	40	40	40	40	40	40	40	40	40		
Arkansas (Fayetteville).....	62	462	38	200	275	1,255	21	2,255	21	2,661	16	66	16	363	363	31	34	1	44	44	44	44	44	44	44	44	44	44	44	44	44	44		
California.....	108	64	32	25	30	94	7	10	12	97	29	15	15	12	12	7	12	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
Colorado.....	14	28	17	16	16	15	12	15	16	86	5	5	5	12	12	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Connecticut.....	31	20	10	7	3	16	15	15	16	41	1	1	1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20			
Delaware (Dover).....	20	51	21	10	16	3	3	3	3	235	41	23	23	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20			
Florida (Lake City).....	209	42	23	20	10	10	10	10	10	434	17	17	17	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20				
Florida (Tallahassee).....	209	269	21	14	8	2	2	2	2	246	9	9	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
Georgia (Athens).....	109	57	22	208	176	147	10	31	31	2,231	86	89	89	105	105	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76		
Georgia (College).....	109	57	22	208	176	147	10	31	31	849	128	202	202	106	106	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193		
Idaho.....	227	224	160	127	71	198	52	80	80	935	154	81	74	164	164	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21		
Illinois.....	186	314	131	92	80	108	24	69	69	1,094	27	1,094	27	955	5	95	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
Indiana.....	162	376	163	109	69	188	27	81	81	141	34	143	9	170	72	59	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Iowa.....	131	102	141	45	34	34	15	31	31	31	2	31	2	170	72	59	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29		
Kansas.....	61	37	24	24	15	15	15	30	17	18	3	371	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35				
Kentucky (Lexington).....	137	100	66	66	30	30	17	18	18	379	37	365	11	37	37	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65		
Louisiana (Baton Rouge).....	163	2	76	50	63	63	54	8	8	326	291	273	10	177	165	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	
Louisiana (New Orleans).....	114	40	40	45	25	30	25	30	27	12	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12		
Maine.....	30	38	374	202	152	71	131	131	131	2,346	64	64	5	542	542	198	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241
Maryland.....	137	327	210	148	25	45	25	17	17	49	6	49	6	339	678	678	367	367	367	367	367	367	367	367	367	367	367	367	367	367	367	367	367	367
Massachusetts (Amherst).....	193	111	8	8	12	12	12	20	20	846	13	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	
Massachusetts (Boston).....	57	41	41	22	8	36	4	36	36	168	4	168	4	168	4	168	4	168	4	168	4	168	4	168	4	168	4	168	4	168	4	168	4	
Michigan.....	19	17	11	6	6	3	3	6	6	229	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
Minnesota.....	92	324	202	255	203	1,225	46	2,347	46	168	14	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	
Mississippi (Agricultural College).....	137	107	45	25	17	17	17	17	17	386	339	339	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Mississippi (Westside).....	306	11	8	6	8	8	8	8	8	678	678	678	13	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	1,206	125	
Missouri (Columbia).....	137	56	38	24	22	36	11	13	13	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2			
Missouri (Jefferson City).....	15	44	12	10	10	10	13	13	13	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3			
Montana.....	137	92	324	202	255	203	1,225	46	2,347	46	168	14	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57	129	57		
Nevada.....	137	56	38	24	22	36	11	13	13	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2	321	2			
New Hampshire.....	15	44	12	10	10	10	13	13	13	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3	143	3			

1 Under this head are enumerated students in undergraduate courses not included in the preceding columns.

TABLE 3.—*Students, by classes and courses, at land-grant colleges in 1900—Continued.*

State or Territory.	By courses.									
	Preparatory classes.	Freshmen.	Sophmores.	Juniors.	Seniors.	Specialist.	Postgraduate.	Total.	Agriculture.	Mining en-gi-neering.
New Jersey.....	172	43	40	20	23	116	1	44	46	7
New Mexico.....	143	12	6	8	4	31	1	205	1	300
New York.....	770	484	283	399	89	174	2,299	171	203	25
North Carolina (West Raleigh)	164	54	34	27	14	9	302	25	73	272
North Carolina (Greensboro)	140	3	8	8	13	5	179	26	5	62
North Dakota	113	2	8	2	2	185	1	319	110	40
Ohio.....	453	345	211	193	35	15	1,252	44	91	35
Oklahoma (Stillwater)	138	95	32	9	6	82	4	366	44	8
Oklahoma (Langston)	42	145	74	40	36	49	19	405	48	96
Oregon.....	46	120	56	58	13	42	2	367	11	34
Pennsylvania.....	29	31	6	15	15	70	5	171	25	7
Rhode Island	136	141	104	42	28	9	1	461	55	55
South Carolina (Clemson College)	125	27	19	25	18	219	9	446	36	200
South Carolina (Orangeburg)	114	69	43	72	25	501	10	790	266	78
Tennessee.....	136	143	75	66	22	14	6	396	190	220
Texas (College Station)	112	75	13	8	8	115	6	396	121	390
Texas (Prairieview)	389	59	63	55	20	9	2	488	9	140
Utah	97	104	56	26	35	22	5	523	23	5
Vermont	101	156	43	43	1	26	1,057	474	122	23
Virginia (Blacksburg)	732	99	29	16	14	44	6	386	18	333
Virginia (Hampton)	240	37	49	52	62	314	40	807	32	390
Washington.....	242	48	370	281	305	714	13	2,422	7	144
West Virginia (Morgantown)	372	25	10	7	14	132	.....	188	2	60
Wisconsin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	505
Wyoming .....	.....	.....	6,511	7,512	5,036	3,648	3,072	12,964	732	66
Total.....	.....	.....	6,511	7,512	5,036	3,648	3,072	12,964	732	11,506

¹ Under this head are enumerated students in undergraduate courses not included in the preceding columns.² Includes civil and electrical engineering.

TABLE 4.—*Value of permanent funds and equipment of land-grant colleges, 1900.*

State or Territory.	Land-grant fund of 1862.	Other land-grant funds.	Other permanent funds.	Land-grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.	Total.
Alabama (Auburn)	\$253,500.00	.....	.....	.....	\$3,000.00	\$144,500.00	\$20,000.00	\$25,000.00	\$25,000.00	\$5,000.00	\$476,000.00
Alabama (Normal) .....	.....	.....	.....	.....	10,000.00	29,653.54	9,000.00	9,000.00	1,700.00	10,000.00	50,557.71
Arizona	130,000.00	.....	.....	.....	3,000.00	98,600.00	10,000.00	25,000.00	12,000.00	10,000.00	158,600.00
Arkansas (Fayetteville) .....	.....	.....	.....	.....	9,600.00	233,500.00	7,931.00	21,657.69	10,000.00	1,383.56	414,072.25
Arkansas (Pine Bluff)	731,683.30	\$74,902.27	\$2,021,408.86	\$20,972.35	32,000.00	18,000.00	1,500.00	10,000.00	4,000.00	1,000.00	66,500.00
California	84,011.25	.....	.....	.....	150,000.00	30,000.00	75,000.00	46,000.00	15,791.00	46,000.00	122,500.00
Colorado	135,000.00	.....	.....	.....	.....	79,700.00	23,750.00	2,946.00	6,719.00	20,000.00	150,502.18
Connecticut	83,000.00	.....	.....	.....	.....	12,800.00	11,000.00	21,500.00	11,000.00	1,500.00	242,665.00
Delaware (Newark) .....	.....	.....	.....	.....	3,000.00	6,000.00	117,250.00	117,250.00	19,000.00	19,000.00	223,450.00
Delaware (Dover) .....	.....	.....	.....	.....	6,000.00	11,000.00	50,000.00	50,000.00	10,000.00	2,800.00	27,800.00
Florida (Lake City)	151,783.00	.....	.....	.....	11,000.00	8,805.00	20,500.00	20,500.00	2,500.00	1,500.00	246,583.00
Florida (Tallahassee)	213,000.00	.....	.....	12,500.00	7,000.00	300,000.00	6,000.00	6,000.00	28,614.00	900.00	511,349.00
Georgia (Athens) .....	.....	.....	.....	.....	15,000.00	25,000.00	17,500.00	15,000.00	3,500.00	200.00	500.00
Georgia (College)	6,638.35	5,772.32	900,000.00	9,500.00	80,000.00	150,000.00	1,000,000.00	1,000,000.00	50,000.00	7,000.00	2,500.00
Idaho	501,992.23	.....	.....	.....	7,500.00	160,000.00	160,000.00	160,000.00	65,000.00	100,000.00	1,112,910.67
Illinois	340,000.00	.....	.....	.....	60,000.00	357,000.00	40,975.00	40,975.00	161,750.00	19,000.00	1,065,000.00
Indiana .....	.....	.....	.....	.....	.....	256,600.00	256,600.00	256,600.00	23,290.00	23,290.00	1,236,584.10
Iowa	589,379.01	93,454.51	36,975.45	57,767.80	40,975.00	290,000.00	125,500.00	38,900.00	263,758.00	35,290.00	1,498,335.87
Kansas	503,848.03	.....	.....	.....	720,00	39,700.00	25,000.00	25,000.00	22,200.00	8,200.00	124,047.44
Kentucky (Lexington)	165,000.00	.....	.....	.....	.....	25,000.00	20,000.00	20,000.00	4,000.00	500.00	6,900.00
Louisiana (Baton Rouge)	20,925.00	3,480.00	3,000.00	.....	.....	33,300.00	150,000.00	45,395.00	2,975.00	4,380.00	350,000.00
Louisiana (New Orleans)	182,313.03	136,000.00	.....	.....	.....	22,000.00	22,000.00	35,400.00	35,400.00	18,650.00	550,000.00
Maine	118,300.00	.....	100,000.00	.....	.....	9,325.00	220,900.00	85,000.00	85,000.00	232,000.00	22,000.00
Maryland	115,943.00	.....	.....	.....	28,600.00	37,000.00	213,775.00	17,059.14	200,000.00	20,040.00	47,726.52
Massachusetts (Amherst)	219,000.00	.....	.....	141,575.35	47,320.00	717,038.74	250,000.00	91,140.00	116,702.00	.....	3,673,806.42
Massachusetts (Boston) .....	.....	2,498,925.68	1,308,814.55	240,00	375,000.00	1,000,000.00	90,000.00	50,000.00	75,000.00	60,000.00	1,292,855.00
Michigan	901,460.00	703,531.80	1,308,814.55	2,000.00	5,000.00	311,075.00	12,085.97	27,609.43	11,836.14	41,949.44	3,711,470.98
Minnesota	670,335.39	98,575.00	10,000.00	95,000.00	42,605.00	136,800.00	60,000.00	2,000.00	5,000.00	3,000.00	4,292,921.94
Mississippi (Agricultural College)	113,375.00	222,000.00	606,958.23	57,000.00	5,000.00	175,000.00	55,000.00	23,000.00	49,000.00	12,000.00	1,847,665.42
Mississippi (Westside)	349,891.19	222,000.00	606,958.23	2,000.00	6,000.00	62,500.00	14,000.00	12,000.00	8,400.00	3,000.00	10,799,000.00
Missouri (Columbia) .....	.....	.....	4,300.00	59,500.00	5,600.00	110,000.00	45,000.00	5,300.00	400.00	400.00	75,100.00
Missouri (Rolla) .....	.....	.....	350,000.00	350,000.00	45,000.00	25,000.00	10,000.00	10,000.00	10,000.00	20,000.00	410,000.00
Montana	130,274.38	76,111.63	36,000.00	50,000.00	30,000.00	142,974.66	17,564.37	2,223,484.00	110,626.00	21,670.00	1,367,166.01
Nevada	80,000.00	.....	500,000.00	.....	20,500.00	84,016.24	2,223,484.00	17,564.37	2,223,484.00	30,818.11	377,726.36
New Hampshire	116,000.00	.....	500,000.00	.....	30,000.00	366,500.00	14,500.00	14,500.00	9,000.00	9,000.00	303,000.47
New Jersey	6,000.00	44,000.00	.....	.....	6,000.00	44,000.00	14,500.00	14,500.00	9,000.00	9,000.00	1,082,500.00
New Mexico .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,900.00	98,800.00

³ Includes apparatus, machinery, and library.⁴ For year ended November 30, 1900.¹ Includes apparatus.² Includes apparatus.

TABLE 4.—*Value of permanent funds and equipment of land-grant colleges, 1900—Continued.*

State or Territory.	Land-grant fund of 1892.	Other land-grant funds.	Other permanent funds.	Land grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.	Total.
New York	\$688,572.12	\$5,778,910.63	\$5,15,585.60	\$103,468.91	\$1,874,372.86	\$10,400.00	\$8,756.00	\$5,000.00	\$6,150.00	\$8,445,324.52	
North Carolina (West Raleigh)	125,000.00	.....	26,189.55	87,595.74	9,000.00	9,070.12	8,929.88	1,000.00	1,000.00	284,676.89
North Carolina (Greensboro) .....	.....	.....	9,000.00	9,230.00	91,000.00	15,000.00	3,000.00	15,000.00	500.00	70,300.00
North Dakota .....	.....	28,800.00	28,800.00	779,000.00	170,000.00	25,000.00	75,000.00	60,000.00	60,000.00	1,056,300.30
Ohio .....	.....	.....	1,500,000.00	1,500,000.00	5,000.00	27,354.38	18,270.00	11,803.71	2,874.60	3,328,951.77
Oklahoma (Stillwater) .....	.....	.....	5,000.00	5,000.00	3,600.00	1,500.00	8,000.00	1,000.00	2,000.00	118,362.79
Oklahoma (Langston)	140,694.38	.....	13,000.00	94,100.00	40,000.00	5,000.00	13,500.00	4,500.00	4,500.00	31,100.00
Oregon	427,290.50	.....	89,705.50	.....	750,000.00	260,000.00	25,000.00	25,000.00	25,000.00	272,634.38
Pennsylvania	50,000.00	.....	18,000.00	164,600.00	35,000.00	83,116.81	10,132.28	14,000.00	6,000.00	1,392,000.00
Rhode Island	95,900.00	.....	240,000.00	39,000.00	39,000.00	.....	2,885,713.00	5,000.00	6,000.00	470,613.00
South Carolina (Clemson College) .....	.....	.....	39,000.00	1,200,000.00	12,000.00	115,500.00	3,000.00	3,000.00	3,000.00	39,000.00
South Dakota .....	.....	29,000.00	286,250.00	15,855.24	15,855.24	18,370.00	18,700.00	6,030.00	6,030.00	1,376,500.24
Tennessee	396,000.00	18,000.00	48,320.00	331,155.00	15,000.00	2,235.35	4,452.00	5,500.00	3,433,521.01	950,205.24	
Texas (College Station)	205,000.00	.....	11,800.00	158,375.00	7,150.32	15,438.78	5,590.87	1,000.00	1,000.00	655,496.01
Texas (Prairieview) .....	.....	.....	9,500.00	479,397.85	70,000.00	15,000.00	100,000.00	15,000.00	15,000.00	101,787.35
Utah	135,500.00	416,000.00	161,250.00	.....	.....	975,600.00	6,000.00	4,500.00	5,419.36	17,500.97
Vermont	341,312.00	.....	50,000.00	540,000.00	200,000.00	25,000.00	261,007.65	30,000.00	5,000.00	215,856.94
Virginia (Blacksburg)	172,156.00	.....	889,590.42	.....	.....	.....	.....	.....	.....	1,225,397.85
Virginia (Hampton) .....	.....	.....	57,000.00	15,000.00	60,000.00	275,000.00	25,000.00	25,000.00	5,000.00	616,162.00
Washington	90,000.00	.....	.....	.....	2,500.00	75,000.00	1,133,941.00	2,442,700.00	104,200.00	1,818,746.42
West Virginia (Morgantown) .....	.....	.....	28,600.00	111,540.00	23,439.22	19,436.59	10,000.00	5,700.00	5,700.00	281,427.01
West Virginia (Institute)	302,000.00	230,000.00	.....	.....	.....	.....	.....	.....	.....	485,000.00
Wisconsin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,300.00
Wyoming .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,137,844.00
Total	10,725,180.31	1,528,441.37	15,017,963.80	3,570,907.80	5,659,731.26	16,781,619.19	1,738,369.88	1,326,889.13	1,519,048.33	59,325,119.70	

¹ Includes apparatus and machinery.² Includes grounds.³ Includes apparatus and machinery.

TABLE 5.—Revenue of land-grant colleges for year ended June 30, 1900.

State or Territory.	Interest on land-grant funds of 1862.	Interest on other funds.	United States appropriation (act of 1890).	State appropriation (annual or regular).	State appropriation (occasional).	Tuition fees.	Incidental fees.	Miscellaneous.	Total.	United States appropriation for experiments (act of 1887).
\$20,280.00	\$13,775.00	\$11,779.82	..	..	\$620.00	\$1,667.50	\$2,402.57	\$50,524.89
Alabama (Auburn)	\$11,225.00	4,000.00	..	..	..	2,291.65	..	15,225.00
Alabama (Normal)	10,000.00	10,000.00	\$3,229.54	..	400.00	3,600.00	..	37,294.65
Arizona ..	10,400.00	..	18,181.82	30,000.00	..	..	460.00	..	..	65,811.36
Arkansas (Fayetteville)	6,818.18	3,250.00	..	..	..	..	..	15,000.00
Arkansas (Pine Bluff)	25,000.00	230,298.28	..	..	..	..	..	10,528.18
California	25,000.00	32,907.29	..	..	..	..	..	460,254.06
Colorado	25,000.00	15,000.00	..	..	..	..	..	15,000.00
Connecticut	20,000.00	20,000.00	..	..	..	..	..	15,000.00
Delaware (Newark)	4,800.00	4,800.00	..	..	..	..	..	7,500.00
Delaware (Dover)	12,500.00	12,500.00	..	..	..	..	..	16,750.00
Florida (Lake City)	16,666.67	8,333.33	..	..	..	..	..	21,000.00
Georgia (Athens)	25,000.00	10,000.00	7,000.00	..	..	..	..	16,320.81
Georgia (College)	135,000.00	132,450.00	..	..	..	..	..	16,333.33
Idaho	25,000.00	65,933.90	1,949.42	..	..	23,861.88	..	42,612.00
Illinois	25,000.00	25,800.53	25,243.78	..	..	..	..	468,118.75
Indiana	25,000.00	10,000.00	80,300.00	..	..	..	..	140,581.83
Iowa	21,375.00	30,779.74	..	..	..	..	..	97,901.36
Kansas	3,625.00	3,000.00	..	..	..	..	..	142,460.00
Kentucky (Lexington)	1,255.50	12,065.35	12,000.00	..	..	..	..	15,000.00
Kentucky (Frankfort)	12,833.15	10,000.00	..	..	..	..	..	142,424.61
Louisiana (Baton Rouge)	25,000.00	30,000.00	..	..	..	..	..	15,000.00
Louisiana (New Orleans)	25,000.00	9,000.00	11,000.00	..	..	..	..	15,000.00
Maine	16,666.66	25,000.00	10,000.00	..	..	..	..	15,000.00
Maryland	2,188.39	8,333.34	13,380.47	..	..	..	..	15,000.00
Massachusetts (Amherst)	53,000.00	25,000.00	..	..	..	..	..	15,000.00
Massachusetts (Boston)	25,000.00	25,000.00	..	..	..	..	..	15,000.00
Michigan	63,312.30	132,000.00	122,000.00	..	..	..	..	224,302.30
Minnesota	22,035.72	135,628.25	120,000.00	..	..	..	..	15,000.00
Mississippi (Agricultural College)	5,914.50	11,617.29	25,719.25	..	..	..	..	456,812.35
Mississippi (Westside)	13,382.39	13,382.39	10,000.00	..	..	..	..	110,341.68
Missouri (Columbia)	17,494.10	23,660.41	13,380.47	..	..	..	..	43,579.28
Missouri (Kolla)	4,373.51	6,580.41	11,522.76	..	..	..	..	102,732.89
Missouri (Jefferson City)	1,359.59	..	..	..	..	15,000.00
Montana	25,000.00	14,000.00	..	..	..	..	..	41,400.00
Nebraska	25,000.00	167,000.00	..	..	..	..	..	266,385.73
Nevada	25,000.00	17,000.00	..	..	..	..	..	54,681.11
New Hampshire	4,800.00	3,000.00	7,500.00	..	..	..	..	15,000.00
						1,100.15	..	..	..	72,388.88
						7,500.00	..	..	..	30,189.73

¹ Exclusive of professional colleges.² Includes tuition fees and incidental fees.³ Includes tuition fees.⁴ For year ended November 30, 1900.

TABLE 5.—Revenue of land-grant colleges for year ended June 30, 1900—Continued.

State or Territory.	Interest on land-grant of 1862.	Interest on other funds.	United States appropriation (act of 1890).	State appropriation annual or regular.	State appropriation (occasional).	Tuition fees.	Incidental fees.	Miscellaneous.	Total.	United States appropriation for experiment stations (act of 1887).
New Jersey.....	\$6,480.00		\$25,000.00	\$6,710.76		\$1,160.85			\$52,862.14	\$15,000.00
New Mexico.....		\$208.32	25,000.00						39,301.61	15,000.00
New York.....	34,428.80	330,066.58	25,000.00	16,235.00	10,000.00	5,346.07	\$243.00	389,495.38	13,500.00	
North Carolina (West Raleigh).....	7,500.00		8,765.00	7,500.00		315.52	178.00	44,583.01	15,000.00	
North Carolina (Greensboro).....			25,000.00	166,076.15	8,480.40	443.00	2,843.17	16,758.52		
North Dakota.....			25,000.00	22,500.00	9,263.99	8,000.00	23,920.75	59,416.68	28,289.17	15,000.00
Ohio.....	31,421.19	1,783.03	15,000.00	15,000.00	5,000.00	140.00	3.00	315,617.80		
Oklahoma (Stillwater).....			15,500.00	25,000.00	9,000.00			54,806.07	15,000.00	
Oklahoma (Langston).....			25,000.00	27,293.07				2,917.30	26,733.99	
Oregon.....	12,322.87	5,382.57	25,000.00	25,525.95					69,615.94	15,000.00
Pennsylvania.....	2,637.43		25,000.00	15,000.00	15,000.00				103,376.28	15,000.00
Rhode Island.....	2,500.00	3,512.00	12,500.00	59,000.00		2,470.00	248.49	42,500.00	42,500.00	15,000.00
South Carolina (Clemson College).....	5,754.00		12,000.00	17,500.00	22,500.00	3,018.00	1,413.14	4,192.94	87,677.43	15,000.00
South Carolina (Orangeburg).....			25,000.00	25,000.00	20,900.00	7,500.00			69,471.54	15,000.00
South Dakota.....	23,960.00	1,450.00	18,750.00						68,859.46	15,000.00
Tennessee.....			6,250.00	15,000.00	6,300.00				61,430.00	15,000.00
Texas (College Station).....	14,280.00		25,000.00	12,000.00	6,000.00	2,080.50	11,848.18		33,098.18	
Texas (Prairieview).....			6,250.00	6,250.00	6,000.00	12,714.78	512.00		7,712.64	15,000.00
Utah.....	8,130.00	15,899.51	25,000.00	16,666.67	8,333.33				53,585.14	15,000.00
Vermont.....	20,658.72	35,336.19	6,000.00		25,000.00	15,000.00			73,716.14	15,000.00
Virginia (Blacksburgh).....			8,333.33						117,798.14	15,000.00
Virginia (Hampton).....			25,000.00		23,209.79				172,004.30	
Washington.....	6,168.00		20,000.00	70,300.00	38,000.00				55,451.22	15,000.00
West Virginia (Morgantown).....			25,000.00	25,000.00	15,000.00				142,208.00	15,000.00
Wisconsin.....	11,740.00	12,610.15	25,000.00	268,000.00	6,118.26	17,259.00	19,006.00	3,221.00	371,836.15	15,000.00
Wyoming.....			25,000.00	8,726.51	461.00	127.35			40,433.12	15,000.00
Total.....	677,870.33	726,229.70	1,198,100.21	1,889,288.34	744,184.07	390,334.08	254,337.26	550,694.68	6,431,038.67	696,000.00

² Includes incidental fees.¹ Includes tuition fees and incidental fees.

TABLE 6.—*Additions to equipment of land-grant colleges, 1900.*

¹ Exclusive of professional colleges

2 Includes apparatus and machinery

For Year ended November 30 1900

Includes annotations

TABLE 6.—*Additions to equipment of land-grant colleges, 1900—Continued.*

State or Territory.	Permanent endowment.	Buildings.	Library.	Apparatus.	Machinery.	Miscellaneous.	Total.
Ohio.....	\$1,275, 96	\$2,585, 06	\$10,000.00	\$9,558.99	\$4,756.73	\$1,543.29	\$29,720.03
Oklahoma (Stillwater).....	28,000.00	750.00	12,711.40	11,088.61	1,965.00	54,525.01	
Oregon.....	8,416.06	1,294.05	588.42	1,061.17	11,000.00	18,877.02	30,206.71
Pennsylvania.....		1,698.25	596.89	16,500.00	4,000.00	2,000.00	2,295.14
Rhode Island.....	18,500.00	1,000.00					30,000.00
South Carolina (Clemson College).....	22,500.00	500.00	1,632.79	1,566.01	800.00	1,030.00	26,778.45
South Dakota.....	65,000.00	1,000.00	1,118.18			8,000.00	3,948.18
Tennessee.....		250.00					73,250.00
Texas (College Station).....	1,000.00	2,290.22	667.97	11,283.37	3,404.34	6,000.00	8,645.90
Utah.....	50,000.00	28,000.00	8,000.00			2,000.00	64,000.00
Vermont.....	163,189.24	36,000.00	500.00			28,500.00	33,000.00
Virginia (Blacksburg).....	100,000.00	419.36		16,007.65			106,189.24
Virginia (Hampton).....	35,000.00	3,200.00	2,000.00				106,427.01
Washington.....	117,000.00	7,149.00	2,439.23	11,000.00	2,500.00	40,200.00	
West Virginia (Morgantown).....	4,832.17	3,670.00		4,236.59			137,649.00
West Virginia (Institute).....							15,177.99
Wisconsin.....							
Wyoming.....							
Total.....	1,917,941.16	948,377.94	119,312.81	151,405.35	141,667.15	129,288.49	3,407,992.90

¹ Includes apparatus.² Includes apparatus and machinery.TABLE 7.—*Disbursements from the United States Treasury to the States and Territories of the appropriations in aid of colleges of agriculture and the mechanic arts under the act of Congress approved August 30, 1890.¹*

State or Territory.	Year ended June 30—							1901.
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	
Alabama.....	\$16,000	\$16,000	\$17,000	\$18,000	\$19,000	\$20,000	\$21,000	\$23,000
Arizona.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
Arkansas.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
California.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
Colorado.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
Connecticut.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
Delaware.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000
Florida.....	16,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000

¹ From the annual statement of the Commissioner of Education to the Secretary of the Interior, 1900.

TABULATED STATISTICS OF THE AGRICULTURAL EXPERIMENT STATIONS.

TABLE 8.—*General statistics of the agricultural experimental stations in the United States, 1900.*

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number of teachers on staff.	Number of publications during fiscal year 1899-1900.	Number of addresses on mailing list.	Principal lines of work.
Alabama (College)	Auburn	P. H. Mell	Feb. —, 1883	Feb., 24, 1888	13	8	394	8,402
Alabama (Canebrake)	Uniontown	H. Benton	Jun. 1, 1886	Apr., 1, 1888	3	2	.....	Soil improvement; field experiments; horticulture; floriculture; diseases of plants; diseases of animals.
Arizona	Tucson	R. H. Forbes . . . . .	.....	1889	9	7	180	Botany; soils; analyses of fertilizers and food materials; field and pot experiments; horticulture; diseases of plants; feeding experiments; diseases of animals. Chemistry; field experiments; meteorology; diseases of plants; horticulture (including date-palm orchard).
Arkansas	Fayetteville	R. L. Bennett . . . . .	.....	1887	8	2	245	Chemistry of foods; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; feed physics; chemistry and geographical distribution of soils; fertilizers; field crops; horticulture; botany; meteorology; technology of wine and olive oil, including zymology; chemistry of foods and feeding stuffs; entomology; drainage and irrigation; reclamation of alkaline lands; plant introduction. Chemistry; field experiments; horticulture; entomology; irrigation.
California	Berkeley	E. W. Hilgard	1875	Mar. —, 1888	30	9	170	Analysis and inspection of fertilizers, foods, and feeding stuffs; chemistry; diseases of plants; horticulture; forestry; field experiments; entomology; bacteriology; technology of dairy products; field experiments; dairying.
Colorado	Fort Collins	L. G. Carpenter	1879	Feb. —, 1888	16	8	186	Chemistry; field experiments; entomology; bacteriology; field experiments; dairying.
Connecticut (State)	New Haven	E. H. Jenkins	Oct. 1, 1875	May 18, 1887	14	.....	1	Food and nutrition of man and animals; bacteriology; field experiments; dairying.
Connecticut (Storrs)	Storrs	W. O. Atwater . . . . .	.....do.....	.....do.....	7	1	3	Botany; soil analyses; entomology; field experiments; dairying.
Delaware	Newark	A. T. Neale . . . . .	.....	Feb., 21, 1888	8	7	5	Chemistry; entomology; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; entomology; dairying.

Florida	Lake City	W. F. Yocom	1888	11	5	4	190	4,000	Chemistry; field experiments; horticulture; entomology.	
Georgia	Experiment. Inst.	R. J. Redding	Feb., 18, 1888	July 1, 1889	8	1	5	174	Field experiments; horticulture; entomology; mycology; pig feeding; dairy-ing.	
Idaho	Moscow	J. A. McLean	Feb., 26, 1892	11	8	6	112	3,000	Physics; botany; field experiments; hor-ticulture; entomology; feeding ex-periments; bacteriology; field experi-ments; horticulture; forestry; diseases of plants; feeding experiments; ento-mology; dairying.	
Illinois	Urbana.....	E. Davenport	Mar., 21, 1888	12	7	5	172	18,000	Chemistry; bacteriology; field experi-ments; horticulture; forestry; diseases of plants and animals; experiments; pot and field experiments; horticulture; feeding experiments; diseases of plants and animals.	
Indiana	Lafayette	C. S. Plumb	1885	Jan. —, 1888	11	7	4	196	17,452	Chemistry; bacteriology; field experi-ments; horticulture; diseases of plants; feeding experiments; entomology; dairying.
Iowa	Anes.....	G. F. Curtiss	Feb., 17, 1888	20	14	6	296	20,000	Chemistry; bacteriology; field experi-ments; horticulture; diseases of plants; feeding experiments; entomology; dairying.
Kansas	Manhattan	J. T. Willard	Feb., 8, 1888	15	12	10	170	17,102	Soils; horticulture; seed breeding; field experiments; feeding and digestion experiments; diseases of animals; en-tomology.
Kentucky	Lexington	M. A. Scovell	Sept. —, 1885	Apr. —, 1888	11	1	7	346	7,000	Chemistry; soils; fertilizer analysis; field experiments; horticulture; dis-eases of plants; entomology; dairying.
Louisiana (Sugar- Co.)	New Orleans	W. C. Stubbs	Sept. —, 1885	.....	.....	.....	.....	.....	Chemistry; bacteriology; soils; physi-ology; Paris green; field experiments; horticulture; diseases of animals; en-tomology.
Louisiana (State)	Baton Rouge .....	.....	do	Apr. —, 1886	.....	.....	.....	.....	Chemistry; soils; fertilizers; field experi-ments; horticulture; feeding experi-ments; stock raising; dairying.
Louisiana (North)	Calhoun .....	.....	do	May —, 1887	.....	.....	.....	.....	Chemistry; botany; analysis and inspec-tion of fertilizers; concentrated com-ineral feeding stuffs; and creamery glassware; horticulture; diseases of plants; seed tests; food and nutrition of man and animals; poultry raising; diseases of animals; entomology; dairying.
Maine	Orono	C. D. Woods	Mar. —, 1885	Oct., 1, 1887	14	6	404	11,000	Chemistry; soils; fertilizers; field experi-ments; horticulture; feeding experi-ments; stock raising; dairying.
Maryland	College Park	H. J. Patterson	1888	Apr. —, 1888	16	8	171	8,500	Chemistry; soils; field experiments; hor-ticulture; diseases of plants; feeding experiments; entomology.

TABLE 8.—*General statistics of the agricultural experiment stations in the United States, 1900—Continued.*

Station.	Location.	Director.	Date of organization.	Date of organization under Hatch Act.	Number of teachers on staff.	Number of publications during fiscal year 1899-1900.	Publications on mailing list.	Principal lines of work.
Massachusetts.....	Amherst.....	H. H. Goodell.....	1882	Mar. 2, 1888	20	8	374	Chemistry; meteorology; analysis and inspection of fertilizers and concentrated commercial feeding stuffs; field experiments; horticulture; electro-germination; diseases of plants; diseases of animals; entomology; field experiments; horticulture; forestry; diseases of plants; feeding experiments; diseases of animals; entomology; apiculture; stable hygiene.
Michigan.....	Agricultural College.....	C. J. Smith .....	.....	Feb. 26, 1888	16	7	281	Bacteriology; soils; field experiments; horticulture; forestry; diseases of plants; feeding experiments; diseases of animals; entomology; apiculture.
Arizona.....	St. Anthony Park, St. Paul.....	W. M. Liggett.....	Mar. 7, 1885	1888	15	7	730	12,000
Minnesota.....	.....	.....	.....	.....	.....	3	123	Chemistry; soils; field experiments; horticulture; forestry; diseases of plants; food and nutrition of man; plant and animal breeding; feeding experiments; diseases of animals; entomology; dairy ing; field experiments; horticulture; feeding experiments; dairy ing.
Mississippi.....	Agricultural College.....	W. L. Hutchinson.....	.....	Jan. 27, 1888	11	3	123	14,500
Missouri.....	Columbia.....	H. J. Waters .....	.....	Jan. —, 1888	14	6	137	12,000
Montana.....	Bozeman	S. Forther .....	.....	July 1, 1893	7	6	88	5,523
Nebraska.....	Lincoln.....	E. B. Andrews .....	.....	June 13, 1887	17	10	310	Chemistry; meteorology; field experiments; horticulture; feeding experiments; diseases of animals; entomology; irrigation.
Nevada.....	Reno	J. E. Stubbs .....	.....	.....	9	5	131	2,000
New Hampshire.....	Durham	E. S. Murkland .....	.....	Aug. 4, 1887	15	12	229	9,750

New Jersey (State)	New Brunswick	E. B. Voorhees	Mar. 10, 1880	Apr. 26, 1888	8	1	5	384	10,000	Chemistry; biology; botany; analysis of fertilizers and foods; pot and field experiments; horticulture; diseases of plants; food and nutrition of man and animals; entomology; dairy husbandry; bacteria of milk; irrigation.
New Jersey (State)	do	do	do	do	8	4	6	385	10,000	Chemistry; biology; botany; analysis of fertilizers and control of fertilizers; inspection of creamery glassware; field experiments; horticulture; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; irrigation.
New Mexico	Mesilla Park	F. W. Sanders	Dec. 14, 1889	15	10	4	106	2,800	Chemistry; soil physics; field experiments; horticulture; entomology; irrigation.	
New York (State)	Geneva	W. H. Jordan	Mar. —, 1882	25	—	—	17	1,131	36,000	Chemistry; bacteriology; meteorology; field experiments; analysis of soils; feeding studies and dairy products; soils; fertilizers; field experiments; horticulture; diseases of plants; feeding sheep and swine; diseases of animals; poultry experiments; entomology; dairyman; irrigation.
New York (Cornell)	Ithaca	I. P. Roberts	1879	Apr. —, 1888	19	7	12	386	20,000	Chemistry; field experiments; horticulture; analysis of feeding stuffs; digestion experiments; poultry experiments.
North Carolina	Raleigh	G. T. Winston	Mar. 12, 1877	Mar. 7, 1887	13	9	8	630	19,808	Field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; dairying.
North Dakota	Agricultural College	J. H. Worst	Mar. —, 1890	12	10	4	105	8,300	Soils; field experiments; horticulture; diseases of plants; breeding and feeding experiments; diseases of animals; entomology.	
Ohio	Wooster	C. E. Thorne	Apr. 25, 1882	Apr. 2, 1888	16	—	—	305	35,000	Field experiments; horticulture; feeding experiments; animal husbandry; diseases of animals; entomology.
Oklahoma	Stillwater	John Fields	Dec. 25, 1890	10	5	4	80	13,510	Field experiments; horticulture; feeding experiments; diseases of plants; digestion and feeding experiments; animal husbandry; diseases of animals; entomology.	
Oregon	Corvallis	T. M. Gatch	July —, 1888	12	10	5	104	4,000	Chemistry; soil physics; field crops; horticulture; diseases of plants; digestion and feeding experiments; entomology; dairying.	
Pennsylvania	State College	H. P. Armsby	June 30, 1887	20	8	7	49	12,500	Chemistry; meteorology; fertilizer analysis; field experiments; feeding experiments; dairying.	
Rhode Island	Kingston	A. A. Brigham	July 30, 1888	15	4	15	386	8,000	Chemistry; meteorology; soils; analysis and inspection of fertilizers and feeds; field and pot experiments; horticulture; poultry experiments.	

¹ In 1882 the State organized a station here and maintained it until June 18, 1895, when it became a part of the Hatch Station at the same place.

TABLE 8.—*General statistics of the agricultural experiment stations in the United States, 1900—Continued.*

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number of organ- ization on staff.	Number of teach- ers on staff.	Publica- tions during fiscal year 1899-1900.	Number of ad- dresses on mail- ing list.	Principal lines of work.
South Carolina	Clemson College.....	H. S. Hartzog .....	.....	Jan. 24, 1888	14	9	186	8,500	Soils; analysis and control of fertilizers; field experiments; horticulture; plant breeding; diseases of plants; feeding experiments; veterinary science; entomology; dairying.
South Dakota	Brookings	J. H. Shepard .....	.....	Mar. 13, 1887	12	5	4	292	Bacteriology; chemistry of soils and soil physics; field experiments; forestry; diseases of plants; feeding experiments; entomology; irrigation.
Tennessee	Knoxville	A. M. Soule	June 8, 1882	Aug. 4, 1887	12	4	5	84	Chemistry; soils; fertilizers; field experiments; horticulture; seeds; weeds; diseases of plants; feeding experiments; entomology; dairy ing.
Texas	College Station	J. H. Connell .....	.....	.....	14	7	6	283	Chemistry; soils; fertilizers; field experiments; horticulture; feeding dairy cows; sheep; husbandry; diseases of animals; irrigation.
Utah	Logan	J. A. Widtsoe .....	.....	.....	1890	10	7	460	Chemistry of soils and feeding stuffs; alkali soil investigations; meteorology; field experiments; horticulture; for estry; diseases of plants; cattle and sheep breeding; feeding experiments; dairying; poultry experiments; irriga tion.
Vermont	Burlington	J. L. Hills	Nov. 24, 1886	Feb. 28, 1888	13	5	10	484	10,500 Chemistry; analysis and control of fertilizers and feeding stuffs; inspection of creamery glassware; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; dairying.
Virginia	Blacksburg	J. M. McBryde .....	.....	1888	1891	10	6	11	Field crops; horticulture; elder and vinegar making; feeding experiments; veterinary science; entomology.
Washington	Pullman	E. A. Bryan .....	.....	.....	1891	12	7	203	Chemistry; botany; bacteriology; soils; field experiments; horticulture; dis eases of plants; feeding and breeding experiments; oyster culture; diseases of animals; entomology; dairying; irrigation.

Morgantown	J. H. Stewart.....	June 11, 1888	12	4	7	236	7,000	Chemistry; analysis and control of fertilizers; field experiments; horticulture; feeding experiments; poultry experiments; entomology.
Madison	W. A. Henry.....	1883	1887	21	16	10	692	12,000
Wisconsin	Laramie	1887	Mar. 1, 1891	8	6	5	374	2,700
West Virginia	E. F. Smiley.....							Geology; botany; meteorology; waters; soils; fertilizers; field experiments; food analysis; feeding experiments; entomology.
Total							693	327 386 14,172 562,881

1 Vice-director.

TABLE 9.—Revenue and additions to equipment

Station.	Hatch fund.	State.	Individuals and communities.	Fees.	Farm products.	Miscellaneous.	Total.
Alabama (College).....	\$15,000.00		\$5,628.21	\$931.94	\$1,668.87	\$23,229.02	
Alabama (Canebrake).....	\$2,500.00		295.23	270.88	.....	2,770.88	
Arizona.....	15,000.00			157.76	782.65	16,235.64	
Arkansas.....	15,000.00				.....	15,000.00	
California.....	15,000.00	11,560.00			817.61	.....	27,377.61
Colorado.....	15,000.00				1,013.22	511.69	16,524.91
Connecticut (State).....	7,500.00	12,500.00	\$254.40	8,471.03	1,103.42	16.91	29,845.76
Connecticut (Storrs).....	7,500.00	1,800.00				1,684.75	10,984.75
Delaware.....	15,000.00				.....	.....	15,000.00
Florida.....	15,000.00				1,132.55	.....	16,132.55
Georgia.....	15,000.00	700.00			1,608.89	2,400.36	19,709.25
Idaho.....	15,000.00				612.00	.....	15,612.00
Illinois.....	15,000.00			260.00	747.04	196.15	16,203.19
Indiana.....	15,000.00				2,251.21	.....	17,251.21
Iowa.....	15,000.00				7.00	2,678.35	144.70
Kansas.....	15,000.00					7,002.05	22,002.05
Kentucky.....	15,000.00	22,455.26		20,866.29	23,334.34	2105.30	41,761.19
Louisiana.....	15,000.00	18,000.00	2,005.00	5,514.25	1,669.90	12,974.84	55,163.99
Maine.....	15,000.00			4,970.53	3,950.10	117.74	24,098.37
Maryland.....	15,000.00				2,830.94	5.69	17,836.63
Massachusetts.....	15,000.00	11,200.00		3,600.00	1,720.86	1,979.82	33,500.68
Michigan.....	15,000.00	2,500.00		1,620.00	438.43	1,301.39	20,859.82
Minnesota.....	15,000.00	32,033.09			39,333.31	.....	56,366.40
Mississippi.....	15,000.00				1,780.06	33.43	16,813.49
Missouri.....	15,000.00			1,129.95	2,520.00	1,195.83	19,845.78
Montana.....	15,000.00	1,500.00			3,128.89	.....	19,628.89
Nebraska.....	15,000.00				1,806.12	949.78	17,755.90
Nevada.....	15,000.00				110.15	135.63	15,245.78
New Hampshire.....	15,000.00			1,222.38	.....	.....	16,222.38
New Jersey (State).....		16,600.00				.....	16,600.00
New Jersey (College).....	15,000.00					.....	15,000.00
New Mexico.....	15,000.00				153.58	661.80	15,815.38
New York (State).....	1,500.00	69,489.80					70,989.80
New York (Cornell).....	13,500.00	517,500.00			867.68	517.02	32,384.70
North Carolina.....	15,000.00				420.87	1,438.04	16,858.91
North Dakota.....	15,000.00			3.00	2,271.99	571.18	17,846.17
Ohio.....	15,000.00	25,879.15		377.07	5,851.57	1,568.24	48,676.03
Oklahoma.....	14,999.07				23,895.91	.....	18,894.98
Oregon.....	15,000.00				2,884.24	.....	17,884.24
Pennsylvania.....	15,000.00			8,217.00	1,446.94	5,946.84	30,610.78
Rhode Island.....	15,000.00				615.41	186.30	15,801.71
South Carolina.....	15,000.00				776.25	.....	15,776.25
South Dakota.....	15,000.00	400.00			464.01	.....	15,864.01
Tennessee.....	15,000.00				3,768.62	103.00	18,871.62
Texas.....	15,000.00	2,500.00				1,056.42	18,556.42
Utah.....	15,000.00				3,168.96	.....	18,168.96
Vermont.....	15,000.00			2,902.06	6,210.92	.....	24,112.98
Virginia.....	15,000.00		161.11		3,886.57	.....	19,047.68
Washington.....	15,000.00	4,164.16				6552.22	19,716.38
West Virginia.....	15,000.00			5,718.31	114.95	1,274.00	22,107.26
Wisconsin.....	15,000.00	14,000.00		125.00		.....	29,125.00
Wyoming.....	15,000.00				340.35	.....	15,340.35
Total.....	719,999.07	247,281.46	2,420.51	70,927.31	90,088.84	40,140.59	1,170,857.78

¹ Including grounds.² Including balance.³ Including subexperiment farms.

of the agricultural experiment stations in 1900.

Additions to equipment in 1900.

Buildings.	Library.	Apparatus.	Farm implements.	Live stock.	Miscellaneous.	Total.
\$1,509.55	\$437.03	\$233.09	\$78.48	\$1,185.34	\$181.09	\$3,443.49
273.34	47.25	.....	69.20	.....	950.00	570.88
337.92	7.97	103.93	581.58	410.00	.....	2,391.40
744.25	92.25	20.00	93.75	114.82	.....	1,065.07
152.96	200.00	.....	83.80	53.80	.....	558.06
218.70	10.75	83.53	135.81	67.50	.....	486.54
1,657.05	625.66	110.09	66.35	42.75	.....	1,459.15
71.65	.....	898.70	1.20	24.04	433.81	1,429.40
140.87	506.77	492.84	68.75	20.78	.....	1,230.01
914.91	232.33	157.43	655.71	892.81	.....	2,853.19
114.04	225.11	373.06	66.42	.....	.....	778.63
2,000.00	114.00	230.00	279.39	1,203.57	204.00	4,030.96
349.97	302.62	357.34	241.84	593.50	.....	1,845.27
181.47	98.92	37.90	422.11	93.10	.....	828.50
55.06	9.30	327.11	197.35	179.95	.....	768.77
402.49	277.91	278.54	70.26	.....	.....	1,029.20
2,463.57	578.16	511.21	475.52	668.00	8,129.40	7,825.86
6,605.48	141.58	85.70	658.89	360.55	.....	7,852.20
3,500.00	243.34	58.37	.....	140.47	.....	3,942.18
293.18	199.93	138.70	1,459.62	202.50	.....	2,293.93
1,131.65	254.26	931.33	781.44	185.96	.....	3,284.64
3.84	216.66	505.94	133.87	88.56	.....	948.87
30,000.00	69.35	5,000.00	672.77	3,844.95	.....	39,587.07
750.00	50.00	157.16	96.67	693.84	.....	1,747.67
308.48	232.55	176.06	166.37	1,089.00	.....	1,972.46
1,348.38	26.25	860.37	470.77	1,319.00	.....	4,019.77
576.29	124.09	369.56	488.70	902.15	.....	2,460.79
408.00	17.85	53.40	411.37	.....	.....	885.62
492.77	356.21	584.42	17.74	.....	.....	1,451.14
600.00	146.73	.....	.....	.....	4,154.12	2,288.85
749.45	582.86	433.38	56.85	.....	171.68	1,994.22
1,439.40	74.08	323.94	133.35	732.40	.....	2,703.17
1,496.02	814.19	63.43	556.88	582.00	.....	3,512.52
456.00	161.59	281.96	6.00	22.00	.....	927.55
267.78	248.48	178.67	672.39	7.60	.....	1,374.92
750.00	500.00	91.85	328.59	100.40	.....	1,770.84
1,685.01	394.05	284.11	867.21	550.40	22.13	3,802.91
2,818.75	3.32	558.32	159.55	1,431.29	487.00	5,453.23
281.91	156.41	138.93	406.48	111.35	.....	1,095.08
4,078.00	79.47	1,137.84	178.03	50.50	.....	5,523.84
99.81	587.73	401.47	70.07	88.90	.....	1,242.98
814.22	91.64	49.69	705.75	424.20	.....	2,085.50
124.33	4.75	182.62	195.00	120.00	.....	626.70
472.65	176.54	201.36	1,172.11	881.17	1,298.02	4,151.85
14.05	82.08	72.77	65.16	.....	.....	234.06
732.84	81.82	179.57	329.70	267.50	19.25	1,610.68
956.28	250.22	340.67	417.84	712.25	.....	2,677.26
321.50	.....	100.69	134.09	16.00	.....	572.28
579.56	5.10	187.89	340.95	334.20	25.00	1,472.70
620.16	53.00	295.19	329.26	118.00	.....	1,415.61
13,000.00	533.45	188.34	611.70	890.80	.....	15,224.29
1,072.64	64.09	485.58	363.17	300.00	387.44	2,672.92
89,416.23	10,784.70	19,397.85	17,015.86	22,009.10	8,850.94	167,474.68

⁴Including apparatus, farm implements, and live stock.

⁵Estimated amount of State appropriation spent for experimental purposes.

⁶Including fees and farm products.

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TABLE 10.—*Expenditures of agricultural experiment stations from*

Station.	Amount.	Itemized.						
		Salaries.	Labor.	Publica-tions.	Postage and station-ery.	Freight and ex-press.	Heat, light, and water.	Chem-ical sup-plies.
Alabama	\$15,000.00	\$8,528.31	\$1,229.26	\$1,150.00	.....	\$284.71	\$184.73	\$506.54
Arizona	15,000.00	6,947.73	3,525.15	870.32	\$204.72	348.08	108.90	127.85
Arkansas	15,000.00	9,624.09	1,482.38	722.16	187.47	146.99	60.21	122.99
California	15,000.00	7,184.96	4,421.46	135.69	274.75	115.87	276.27	523.32
Colorado	15,000.00	10,394.06	2,320.18	644.90	194.00	33.14	2.08	.....
Connecticut (State)	7,500.00	7,500.00	.....	.....	.....	.....	.....	.....
Connecticut (Storrs)	7,500.00	3,778.40	958.67	78.40	260.50	72.62	488.14	53.14
Delaware	15,000.00	9,570.44	1,238.01	804.20	287.62	150.93	257.90	127.19
Florida	15,000.00	5,063.90	3,156.34	659.37	252.46	278.99	223.84	348.09
Georgia	15,000.00	7,569.96	2,436.03	1,746.99	215.55	193.01	249.14	.....
Idaho	15,000.00	6,208.33	3,462.39	537.82	113.10	203.90	497.44	150.09
Illinois	15,000.00	6,457.91	2,947.64	1,452.11	357.64	115.77	120.00	123.18
Indiana	15,000.00	8,637.70	2,717.19	731.35	77.09	80.14	426.85	219.59
Iowa	15,000.00	8,181.96	2,318.71	1,471.18	422.64	238.12	288.24	338.75
Kansas	15,000.00	6,931.59	3,556.68	340.03	264.16	160.43	91.09	187.35
Kentucky	15,000.00	9,990.00	3,050.11	338.96	207.43	50.84	100.28	10.18
Louisiana	15,000.00	7,937.85	2,595.48	1,659.82	452.13	269.07	217.93	160.84
Maine	15,000.00	7,812.93	1,468.23	26.65	326.29	187.16	1,064.41	377.26
Maryland	15,000.00	7,375.92	2,947.40	851.18	134.17	235.66	355.58	152.80
Massachusetts	15,000.00	5,614.58	4,278.90	409.40	228.53	127.48	254.96	108.53
Michigan	15,000.00	8,820.05	2,599.25	711.35	501.36	199.13	.....	272.01
Minnesota	15,000.00	11,689.24	1,355.00	45.00	49.14	.....	101.31	83.61
Mississippi	15,000.00	9,398.49	1,325.22	250.34	176.61	320.20	242.67	236.72
Missouri	15,000.00	7,152.57	2,152.65	495.69	841.48	166.20	248.08	91.65
Montana	15,000.00	8,408.47	3,032.75	357.34	140.55	339.16	439.90	51.16
Nebraska	15,000.00	9,108.18	1,923.97	857.15	463.39	126.57	.....	337.88
Nevada	15,000.00	9,199.54	1,485.97	696.55	180.98	79.87	265.95	391.72
New Hampshire	15,000.00	9,362.81	1,400.43	1,363.15	118.09	80.26	523.76	56.67
New Jersey	15,000.00	9,430.00	803.90	1,002.49	163.28	65.58	308.61	43.05
New Mexico	15,000.00	9,038.44	1,587.05	549.19	379.18	175.60	91.40	168.32
New York (State)	1,500.00	.....	.....	.....	32.56	50.37	121.14	.....
New York (Cornell)	18,500.00	9,508.14	774.60	1,620.11	387.59	112.78	90.63	16.29
North Carolina	15,000.00	9,577.01	1,441.88	1,574.46	245.04	70.63	10.71	356.12
North Dakota	15,000.00	6,218.14	5,232.12	969.20	110.11	33.24	299.55	74.88
Ohio	15,000.00	12,073.10	1,310.27	13.18	69.27	.....	305.96	.....
Oklahoma	14,999.07	5,245.00	2,801.28	692.61	432.24	221.92	548.95	82.79
Oregon	15,000.00	8,979.60	3,323.82	230.98	39.55	166.58	.....	457.06
Pennsylvania	15,000.00	13,300.08	.....	426.21	89.09	.....	2.54	299.40
Rhode Island	15,000.00	7,730.74	3,377.43	216.49	216.50	199.34	303.07	27.64
South Carolina	15,000.00	7,330.10	2,654.42	836.90	79.43	161.69	27.54	292.35
South Dakota	15,000.00	10,432.94	1,421.93	1,170.25	50.00	205.79	716.04	151.59
Tennessee	15,000.00	6,662.29	2,978.02	1,008.27	241.11	100.50	315.04	35.00
Texas	15,000.00	9,055.00	1,169.37	2,384.20	472.15	170.55	337.65	294.19
Utah	15,000.00	5,881.20	3,533.43	1,327.60	163.52	238.62	207.33	485.98
Vermont	15,000.00	6,588.79	2,803.93	950.54	518.47	76.83	328.52	294.03
Virginia	15,000.00	8,727.36	2,666.00	1,408.86	113.72	242.18	270.45	162.66
Washington	15,000.00	7,949.97	3,188.54	552.10	94.26	239.06	547.99	56.90
West Virginia	15,000.00	12,591.82	898.65	.....	73.63	148.54	226.64	18.73
Wisconsin	15,000.00	9,947.00	3,202.32	.....	.....	.....	.....	64.43
Wyoming	15,000.00	2,875.00	5,032.76	1,143.53	384.08	316.81	932.02	423.58

¹The expenditures under different heads are affected by

United States appropriation for year ended June 30, 1900.¹

Itemized.

Seeds, plants, and sundry supplies.	Fertiliz- ers.	Feed- ing stu- ffs.	Li- brary.	Tools, im- ple- ments, and ma- chinery.	Furni- ture and fix- tures.	Sci- en- tific ap- paratus.	Live stock.	Travel- ing ex- penses.	Conti- nent- al ex- penses.	Build- ings and re- pairs.	Balance.
\$644.29	\$369.61	\$208.61	\$437.03	\$78.48	.....	\$233.09	\$1,185.34	.....	\$10.00	.....	.....
211.46	208.65	190.31	7.97	708.58	\$23.25	103.93	410.00	\$599.50	10.30	\$393.30	.....
751.24	21.00	87.96	92.25	127.27	128.15	20.00	114.82	441.27	125.50	74.42	40.97
407.30	.....	193.90	73.62	149.14	4.95	83.80	67.50	587.50	29.50	190.47	.....
265.29	55.05	14.00	10.75	128.56	46.64	81.03	42.75	652.13	54.00	61.44	.....
146.28	127.95	289.19	.....	1.20	407.31	677.69	17.24	61.62	10.00	71.65	.....
500.76	10.41	41.90	506.77	68.75	200.15	510.40	20.78	543.22	69.60	140.97	.....
679.15	455.73	697.97	220.53	649.23	12.53	157.43	892.81	611.71	54.25	585.67	.....
499.32	416.15	275.84	225.11	66.42	46.76	73.06	.....	271.10	.....	715.56	.....
406.87	15.20	48.05	114.00	279.39	204.00	230.00	1,202.57	391.25	190.60	750.00	.....
574.86	2.50	561.50	302.62	241.84	126.25	357.34	593.50	189.66	125.76	349.97	.....
705.01	8.55	527.60	93.92	422.11	68.30	37.90	53.10	40.85	4.13	148.62	.....
565.69	2.10	521.80	4.05	65.65	72.65	305.96	104.95	37.82	26.25	33.48	.....
408.52	9.55	736.31	267.64	70.26	79.95	209.84	1,195.49	76.98	11.64	402.49	.....
131.82	.....	578.16	139.90	65.75	11.25	.....	.....	149.96	110.47	65.89	.....
506.23	44.02	341.49	141.58	227.31	.....	85.70	360.55	.....	.....	.....	.....
646.40	171.73	1,107.02	243.34	199.78	262.01	58.37	352.24	297.52	.....	407.66	.....
761.04	.....	1,168.55	199.93	1,459.62	11.00	138.70	.....	73.82	10.00	293.18	.....
602.04	1,168.55	136.62	157.31	673.63	51.90	384.95	60.30	22.02	125.25	595.05	.....
498.66	51.62	131.85	216.66	109.26	17.60	505.94	88.56	270.86	2.00	3.84	.....
417.20	.....	704.30	.....	98.12	6.75	.....	240.00	187.08	10.00	13.25	.....
354.54	11.59	696.69	95.38	185.50	.....	.....	440.60	677.39	10.00	578.05	.....
632.25	16.05	1,284.57	232.55	166.37	39.20	176.06	1,089.00	397.15	10.00	308.48	.....
464.36	8.50	51.83	26.25	470.77	129.29	860.37	150.00	59.30	10.00	.....	.....
566.41	.....	84.36	124.09	202.64	60.79	369.56	87.50	188.13	10.00	489.38	.....
612.99	12.30	17.85	411.37	303.20	55.40	.....	.....	424.33	192.55	721.43	.....
251.94	126.42	148.78	356.21	17.74	209.68	389.62	.....	90.51	11.21	492.77	.....
98.97	96.08	175.94	582.86	56.85	171.68	433.38	.....	651.88	166.00	749.45	.....
272.06	52.25	95.40	74.08	133.35	128.11	323.94	732.40	519.11	55.00	624.02	\$1.10
385.74	.....	73.90	23.07	2.50	.....	58.79	500.00	186.94	64.99	.....	.....
191.89	15.60	205.66	161.59	6.00	102.28	99.73	22.00	157.69	10.00	17.42	.....
167.51	112.00	515.64	94.20	288.54	131.98	178.67	7.60	72.60	20.06	135.35	.....
287.97	35.00	237.60	.....	328.59	.....	91.55	100.40	155.40	76.00	750.00	.....
534.27	4.56	323.33	77.05	165.57	20.03	4.28	.....	.....	10.00	89.18	.....
692.10	9.74	581.87	3.32	154.10	487.00	558.32	1,421.29	296.54	20.00	750.00	.....
305.33	6.60	51.15	156.41	406.48	.....	188.93	91.35	96.95	324.95	224.26	.....
13.48	.....	.....	75.10	10.75	22.50	445.39	54.02	251.19	10.25	.....	.....
330.21	248.91	572.27	567.61	68.27	141.20	401.47	83.90	375.71	60.58	78.06	.....
673.11	172.46	342.70	91.64	552.63	73.80	49.69	270.00	742.82	28.20	620.52	.....
84.75	.....	.....	4.75	195.00	.....	182.62	120.00	103.25	36.76	124.33	.....
375.35	110.21	323.31	176.54	998.93	12.00	201.36	600.00	364.75	98.27	399.05	.....
195.87	72.60	117.19	82.08	65.16	45.62	72.77	.....	402.65	48.90	14.05	.....
470.53	49.50	887.66	81.82	329.70	19.25	179.57	267.50	183.95	10.00	732.84	.....
121.57	106.48	993.46	250.22	187.03	115.02	340.67	45.00	574.20	47.60	677.64	.....
397.19	90.50	221.71	.....	134.09	.....	100.69	16.00	117.09	10.00	321.50	.....
276.39	.....	168.44	5.10	340.95	25.00	187.89	334.20	473.65	10.00	579.56	.....
244.94	41.50	139.76	50.50	148.00	2.50	272.03	67.50	53.26	22.00	.....	.....
770.14	5.54	57.40	533.45	81.00	35.00	108.22	40.00	155.50	.....	.....	.....
592.57	.....	.....	22.00	64.09	363.17	387.44	485.58	300.25	886.30	40.82	750.00

the total revenue of the station, as shown in Table 9.

TABLE 11.—*Disbursements from the United States Treasury to the States and Territories*

State or Territory.	1888.	1889.	1890.	1891.	1892.	1893.
Alabama	\$11,250.00	\$18,750.00	\$14,999.34	\$15,000.00	\$15,000.00	\$15,000.00
Arizona	11,250.00	18,750.00	10,000.00	15,000.00	15,000.00	15,000.00
Arkansas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
California	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Colorado	11,250.00	18,713.24	15,000.00	15,000.00	15,000.00	15,000.00
Connecticut	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Dakota (Territory)	11,250.00	18,750.00	15,000.00	11,250.00		
Delaware	11,250.00	18,188.84	15,000.00	15,000.00	15,000.00	15,000.00
Florida	11,250.00	18,750.00	14,998.05	15,000.00	15,000.00	15,000.00
Georgia	11,250.00	18,733.55	15,000.00	15,000.00	15,000.00	15,000.00
Idaho						15,000.00
Illinois	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Indiana	11,250.00	18,662.91	14,988.28	15,000.00	15,000.00	15,000.00
Iowa	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Kansas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Kentucky	11,250.00	18,746.57	15,000.00	15,000.00	15,000.00	15,000.00
Louisiana	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Maine	11,250.00	18,750.00	14,999.75	14,999.87	15,000.00	15,000.00
Maryland	11,250.00	18,725.28	14,998.65	15,000.00	15,000.00	15,000.00
Massachusetts	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Michigan	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Minnesota	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Mississippi	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Missouri	11,250.00	13,391.66	15,455.58	15,000.00	15,000.00	15,000.00
Montana						
Nebraska	11,250.00	18,750.00	15,000.00	14,999.87	15,000.00	14,951.08
Nevada	11,250.00	18,750.00	14,951.39	15,000.00	14,999.44	15,000.00
New Hampshire	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
New Jersey	11,250.00	18,711.97	15,000.00	15,000.00	15,000.00	15,000.00
New Mexico			10,000.00	15,000.00	15,000.00	15,000.00
New York	11,250.00	18,708.09	15,000.00	15,000.00	15,000.00	15,000.00
North Carolina	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
North Dakota				17,500.00	15,000.00	15,000.00
Ohio	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Oklahoma					15,000.00	15,000.00
Oregon	11,250.00	11,250.00	9,132.52	15,000.00	18,791.71	16,207.59
Pennsylvania	11,250.00	18,717.95	15,000.00	15,000.00	15,000.00	15,000.00
Rhode Island			15,000.00	30,000.00	15,000.00	15,000.00
South Carolina	11,250.00	18,750.00	15,000.00	15,000.00	14,542.15	15,000.00
South Dakota				3,750.00	15,000.00	15,000.00
Tennessee	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Texas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Utah				10,000.00	15,000.00	15,000.00
Vermont	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Virginia	11,250.00	18,742.57	15,000.00	15,000.00	15,000.00	15,000.00
Washington					15,000.00	11,250.00
West Virginia	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Wisconsin	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Wyoming					15,000.00	45,000.00
Total	427,500.00	713,792.63	624,523.56	662,499.74	718,333.30	702,408.67

¹ for agricultural experiment stations under the act of Congress approved March 2, 1887.

¹This table was prepared in the Treasury for the use of this Department by the courtesy of the honorable Secretary of the Treasury.



